



March 3, 2006 Project No. 2028-0031-01

Mr. Michael Smith California Regional Water Quality Control Board Central Valley Region 11020 Sun Center Drive Rancho Cordova, California 95670

Re: Well Destruction Letter Report Nella Oil Company Station No. 31 12008 Plaza Drive, Grass Valley, California

Dear Mr. Smith:

Stratus Environmental, Inc. (Stratus), on behalf of Nella Oil Company (Nella), is submitting this Well Destruction Letter Report for Nella Station No. 31 (the site), located at 12008 Plaza Drive, Grass Valley, California (Figure 1). In a letter dated January 17, 2006, California Regional Water Quality Control Board (CRWQCB) personnel requested the destruction of all site groundwater monitoring wells as part of the process to close the environmental case for the subject property. The well destructions were recently completed; procedures utilized to complete the requested work are described in the following subsections of this document.

WELL DESTRUCTIONS

Prior to initiating work activities, well abandonment permits were obtained from Nevada County Department of Environmental Health (NCDEH). Copies of the well destruction permits are provided in Appendix A. A C-57 licensed drilling contractor (Woodward Drilling Inc., C-57 #710079) performed the well destruction activities in the presence of a Stratus representative and an NCDEH inspector. All work was completed under the direction of a State of California Professional Geologist. The former well locations are presented in Figure 2.

Wells MW-1 through MW-5 were destroyed on February 21, 2006, by pressure grouting with neat cement. Following completion of pressure grouting, the traffic rated vault boxes covering each well were removed. The upper 5 feet of the well MW-1, MW-3, MW-4, and MW-5 casings were subsequently drilled out using an 8-inch diameter hollow stem auger. The upper 5-feet of well MW-2 was not drilled out with concurrence of the NCDEH representative. Following overdrilling, a concrete patch was used to patch the ground surface at the MW-1, MW-3, MW-4,

Mr. Michael Smith, CRWQCB Well Destruction Letter Report Nella Oil Station No. 31, Grass Valley, CA Page 2

and MW-5 well locations. Soil and mulch were used to cover the ground surface at the MW-2 well location.

Following completion of the work, Stratus submitted well destruction forms to the California Department of Water Resources (DWR). Copies of these well destruction forms are included in Appendix B.

If you have any questions or comments, please call Jay Johnson at (530) 676-6000 or Scott Bittinger at (530) 676-2062.

Sincerely,

STRATUS ENVIRONMENTAL, INC.

Jay R. Johnson, P.G.

Senior Project Geologist

Scott G. Bittinger, P.G.

Soft Bitting

Project Manager

Attachment:

Figure 1

Site Location Map

Figure 2

Site Map

Appendix A

Well Destruction Permits

Appendix B

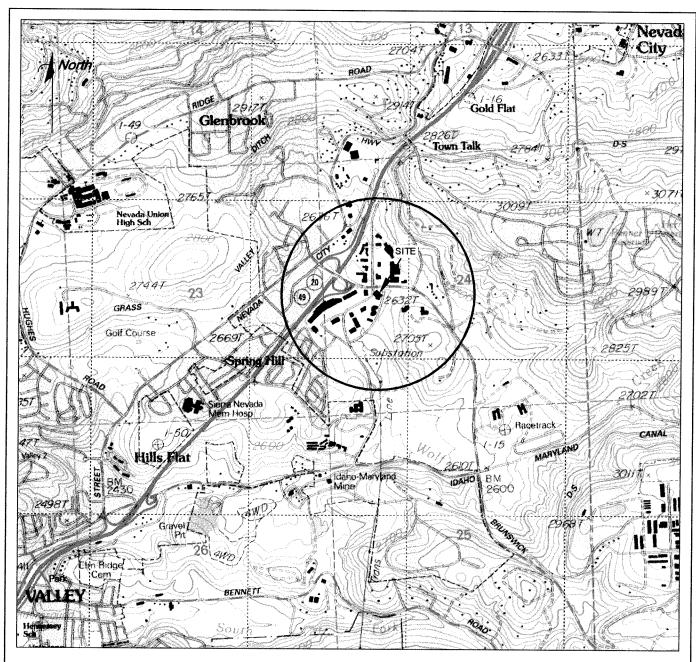
DWR Well Destruction Notices

cc: Ms. Amanda Massey, Nella Oil Company

Mr. Markus Niebanck, Nella Oil Company

Ms. Julia R. Amaral, Property Owner

Mr. David Huff, Nevada County Environmental Health Department



GENERAL NOTES: BASE MAP FROM U.S.G.S. NEVADA CITY, CA 7.5 MINUTE TOPOGRAPHIC PHOTOREVISED 1980

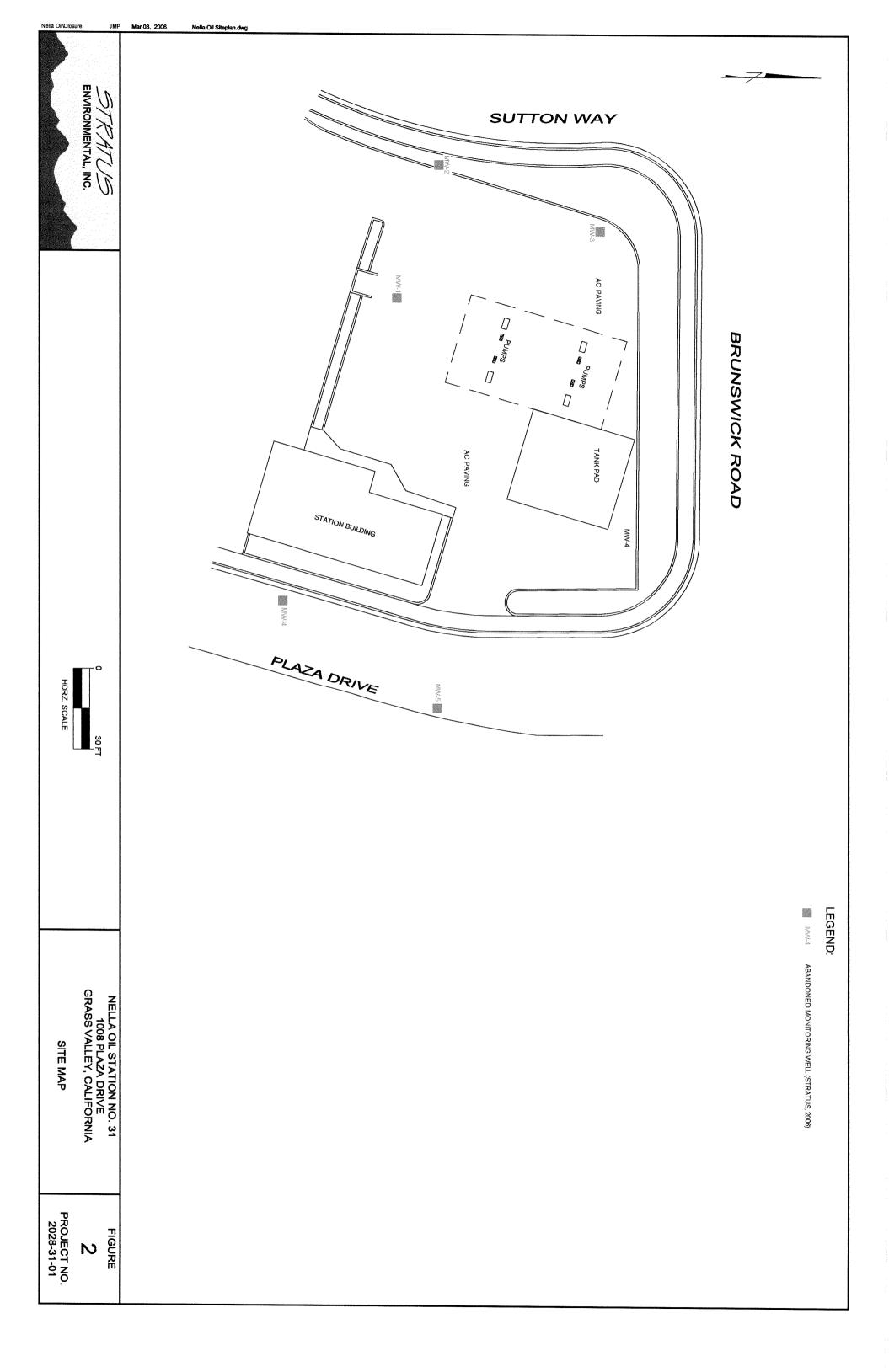






NELLA OIL STATION NO. 31 12008 PLAZA DRIVE GRASS VALLEY, CALIFORNIA SITE LOCATION MAP FIGURE

1
PROJECT NO. 2028-31-1



APPENDIX A WELL DESTRUCTION PERMITS

NEVADA COUNTY DEPARTMENT OF

ENVIRONMENTAL HEALTH

950 Maidu Ave Nevada City, CA 95959 (530) 265-1452 FAX (530) 265-7056 10075 Levone Ave., Suite 105 Truckee, CA 96161 (530) 582-7884 FAX (530) 582-0712 JOB NUMBER: 2/00/0/6

APN: 35 - 4/0 - 30

PERMIT NUMBER

Nº 6882

Both Assessor's Parcel Number
and Permit Number must
show on Well Driller's Report.

APPLICATION/PERI	MIT TO CONSTRU	CT, REPAIR OI	R DESTROY	A WELI	
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Job Site Address: 1200	A 1				Zip: <u>95 945</u>
Nearest Cross Street:	Brunswick RA		P	arcel Acre	eage: <u>0,47</u>
PROPOSED WORK:	□New Well □	Deepening	Destruction (Inc		
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NEVADA COUNTY DEPARTMENT OF

ENVIRONMENTAL HEALTH

950 Maidu Ave Nevada City, CA 95959 (530) 265-1452

FAX (530) 265-7056

10075 Levone Ave., Suite 105

Truckee, CA 96161 (530) 582-7884 FAX (530) 582-0712 JOB NUMBER: 21-00645 APN: 35 - 480 - 30 PERMIT NUMBER

No 6881

Both Assessor's Parcel Number and Permit Number must show on Well Driller's Report.

APPLICATION/PERIVIT TO CONSTRUCT,	
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Owner: 4 Gloria Amount Trust Mailing	Address: P.D. Box 1450, Nevada Cily, CA 95 959
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WOODWARD DRIlling Concino E. U	Totalward G-57 License No. 7100 9
Business Address: 550 River Rd. R	10 Visto CAPhone: 707-374-4300
I hereby certify that the work described in this applica	tion will be done in accordance with the provisions of the Nevada , pertaining to well construction, repair, modification, deepening,
and destruction. Within 90 days of completion of wor	k, I will furnish the Nevada County Department of Environmental
Health a complete and accurate copy of the water wel	
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APPENDIX B DWR WELL DESTRUCTION NOTICES

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1 1		> <u> </u>						USES (∠) WATER SUPPLY
1	T T							Domestic Public
	<u> </u>				TS		TS	Irrigation Industrial
1	 	·····			WEST		EAST	MONITORING TEST WELL
	T							CATHODIC PROTECTION
	 				-			HEAT EXCHANGE
1	I				-			DIRECT PUSH
I	1			******				INJECTION VAPOR EXTRACTION
1	I				1			SPARGING
	1				Illustrate or Describe	— SOUTH ————————————————————————————————————	rds Buildings	REMEDIATION
	1				Fences, Rivers, etc. and	Distance of Well from Ro d attach a map. Use addi E ACCURATE & COM.	tional paper if	OTHER (SPECIFY)
	i I					LEVEL & YIELD		ETED WELL
i	! !]			
	1				DEPTH OF STATIC	ATER (Ft.) E	ELOW SURFAC	
1	l 1					(Ft.) & DAT	E MEASURED _	-3777774
1	I				ESTIMATED YIELD *	(GPM) &	TEST TYPE	
TOTAL DEPTH OF	· Park	eet) 20 (Feet				(Hrs.) TOTAL DRAV		(Ft.)
TOTAL DEPTH OF	COMPLETED WELL	(Feet	:)		* May not be repre	sentative of a well's lo	ng-term yield.	
DEPTH			CASING (S)			DEPTH	ANN	ULAR MATERIAL
FROM SURFACE	BORE- HOLE TYPE (∠)					FROM SURFACE		TYPE
	SCREEN SCREEN PILL PIPE	MATERIAL / GRADE	INTERNAL DIAMETER	GAUGE OR WAI			CE- BEN- MENT TONITE	FILL FILTER PACK
Ft. to Ft.	B S S E	0.0.0	(Inches)	THICKNE	SS (Inches)	Ft. to Ft.	(∠) (∠)	(TYPE/SIZE)
I						1		
						i		
1						1		
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A TOTA O					CERTIFICA	TION STATEMENT	<u> </u>	
	, ,	I, the ur	ndersigned, ce	ertify that t				nowledge and belief.
Geologic	-		Stales F	N Viron	winted tu			
1	nstruction Diagram	NAME (P	ERSON, FIRM, OR	CORPORATION)	(TYPED OR PRINTED)	g e	Λ ,	<i>y</i> .
	sical Log(s) er Chemical Analyses	3330	Campon	Pak.	Din 14550	Camen	Park	CA 95682
Soil/wat Soil/wat Other	5.4 Alan	ADDRESS	(N N I	1 2 21 1	(1 1 1 N	CITY	3	STATE ZIP
	INFORMATION, IF IT EXISTS	—	HOEL HONC	my	to Woodward De	illing lo	4-41-06	710079
			-57 LICENSED WAT		***************************************		ATE SIGNED	C-57 LICENSE NUMBER OSP 03 78836
DWR 188 REV. 05-03	IF ADDIT	TIONAL SPACE	IS NEEDED,	USE NE	XT CONSECUTIVELY	NUMBERED FORM		OSP 03 78836

ORIGINAL File with DWR		10 10 7 30 10 10 10 10 10 10 10 10 10 10 10 10 10		F CALIF			SE ONLY —	DO NOT FILL IN					
a		WELL	Refer to In		ON REPOR		STATE WELL NO	D./STATION NO.					
Page 1 of 1 Owner's Well No	MW-5				31100								
Date Work Began	rbia	, Ended 2-2		00.	01100	LATITUDE	LL	LONGITUDE					
Local Permit Ag	20)	County En	Wi Comment	al Hra	1th Dept.								
Permit No.		Permi	t Date 2-2	-06	' ' 		APN/TRS/	OTHER .					
	GEOLOGIO	C LOG			(OWNER —						
ORIENTATION (∠)	VERTICAL F	HORIZONTAL	_ ANGLE	(SPECIFY)	Name Wella	OT Company	<u> </u>						
	DRILLING METHOD	f		16	Mailing Address	2300 / Lind	Bergh 5	1,					
DEPTH FROM SURFACE		DESCRIPTION		110 2	1/4UDUM 1/1/602								
Ft. to Ft.	Describe mat	erial, grain siz	e, color, etc	17 77	CITY	WELL LO	OCATION —	STATE ZIP					
<u> </u>	1	# 7 · W				Munswill Ki	ú						
	pressure grout	well with	n muit co	ment	City 6155			THE STATE OF THE S					
1	Willed out va		t January.	Contraction of the Contraction o	County Neval								
1		ten augu	1 strain	(no)		<u> Page 430 </u>							
1	MINA NOUND 3	tent control		Andrew Marie		Range		10/					
	Remark Manual	1 tones		24		IN. SEC.	Long						
1			TY Z		Loc	ATION SKETCH -		ACTIVITY (\(\Leq\))					
1	parch ground	SUMBLE	TAN T	J) V	1 .			MODIFICATION/REPAIR					
1			12XY	r ·	See sik	olan		Deepen					
			NEW .			10000		Other (Specify)					
A PARTY	$12/\sqrt{11}$							DESTROY (Describe					
The state of the s		<u> </u>						Procedures and Materials Under "GEOLOGIC LOG")					
		<u> </u>						USES (∠)					
1	I-money -		*					WATER SUPPLY Domestic Public					
I T	! · · · · · · · · · · · · · · · · · · ·		***************************************		150		H	Irrigation Industrial					
<u> </u>	<u> </u>				WEST		EAST	MONITORING					
				ALL				TEST WELL					
								CATHODIC PROTECTION HEAT EXCHANGE					
1	 							DIRECT PUSH					
	[INJECTION					
i								VAPOR EXTRACTION SPARGING					
l l	l l				Illustrate or Dasovihe I	SOUTH ————————————————————————————————————	ida Buildinga	REMEDIATION					
ı	1				Fences, Rivers, etc. and	Distance of Well from Roa l attach a map. Use addit: E ACCURATE & COMF	ional paper if	OTHER (SPECIFY)					
	1					·		TOTAL TOTAL					
<u> </u>	1					LEVEL & YIELD							
l l	i				DEPTH TO FIRST WA	ATER (Ft.) BE	ELOW SURFACI	E					
l l	<u> </u>				ł .	(Ft.) & DATE	E MEASURED _						
<u> </u>	1		***************************************		ESTIMATED YIELD *	(GPM) &	TEST TYPE						
TOTAL DEPTH OF	,	Feet) (Foot)				(Hrs.) TOTAL DRAW		(Ft.)					
TOTAL DEPTH OF	COMPLETED WELL _	(Feet)			* May not be repres	sentative of a well's lor	ng-term yield.						
DEPTH			CASING (S)			DEPTH	ANN	ULAR MATERIAL					
FROM SURFACE	BORE- HOLE TYPE (∠)					FROM SURFACE		TYPE					
· · · · · · · · · · · · · · · · · · ·	DIA. (Inches) BLANK SCREEN CON- CON- FILL PIPE	MATERIAL / GRADE	INTERNAL DIAMETER	GAUGE OR WAI			CE- BEN- MENT TONITE	FILL FILTER PACK					
Ft. to Ft.	SCR SCR FILL	GIADE	(Inches)	THICKNE		Ft. to Ft.	(∠) (∠)	(TYPE/SIZE)					
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I AMP A CO	IMENTS ()	<u> </u>		<u></u>	CERMINIC	PION CEASES (PS.	<u></u>						
	HMENTS (∠)	I, the un	dersigned, ce	rtify that t	his repart is complete	FION STATEMENT and accurate to the		nowledge and belief.					
Geologic	-	- 11 5	1 1 r	and the same of th	11x								
	nstruction Diagram		TOUVS I	ORPORATION)	(TYPED OR PRINTED)		·····						
	sical Log(s)	3330	Carreson	Park 1	Dr. 4550	Camenn Pa	2. k	CA 9568Z					
Soil/Wat	er Chemical Analyses	ADDRESS	10 P	1		CITY	~~	STATE ZIP					
	i	Signed	心性 15度	tun	ton Woodward	Villing lo.	2-21-06	7/0079					
ATTACH AUDITIONAL	INFORMATION, IF IT EXIST	5. C-5	7 LICENSED WATE	R WELL CON	TRACTOR	J DA	ATE SIGNED	C-57 LICENSE NUMBER					